

3/22/2007

MODIFIED PTO/SB/08 A & B (08-03)

<p>Substitute for Form 1449 A &amp; B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	10/521,573
				Confirmation Number	4018
				Filing Date	January 18, 2005
				First Named Inventor	Makoto HIRAI
				Art. Unit	3634
				Examiner Name	Unknown J. Resnick
Sheet	1	of	1	Attorney Docket Number	O85314

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	JERRY REYNOLDS	Date Considered	1/4/2008
--------------------	----------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the internet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

2/15/2007

				<i>Complete if Known</i>	
				Application Number	10/521,573
				Confirmation Number	4018
				Filing Date	January 18, 2005
				First Named Inventor	Makoto HIRAI
				Art Unit	3634
				Examiner Name	Jerry E. Redman
Sheet	1	of	1	Attorney Docket Number	Q85314

**U.S. PATENT DOCUMENTS**

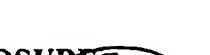
## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	JERRY BENMAN	Date Considered	1/4/2008
--------------------	--------------	-----------------	----------

3/1/2006

MODIFIED PTO/SB/08 A & B (06-03)

Substitute for Form 1449 A & B/PTO		Complete if Known		
<p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				
		Application Number	10/521573	
		Confirmation Number	4018	
		Filing Date	January 18, 2005	
		First Named Inventor	Makoto HIRAI	
		Art Unit	3634	
		Examiner Name	Unknown	
Sheet	1	of 1	Attorney Docket Number	Q85314

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	JERRY REAGAN	Date Considered	1/4/2008
--------------------	--------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov). MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

11/21/2005



MODIFIED PTO/SB/08 A & B (06-03)

**Substitute for Form 1449 A & B/PTO**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet

1

of

*Complete if Known*

Application Number	10/521573
Confirmation Number	4018
Filing Date	January 18, 2005
First Named Inventor	Makoto HIRAI
Art Unit	3634
Examiner Name	Unknown, J. REAM
Attorney Docket Number	085314

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON-PATENT LITERATURE DOCUMENTS

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

1/18/2005

DT09 Rec'd PCT/PTO 18 JAN 2005

MODIFIED PTO/SB/08 A & B (06-03)

**Substitute for Form 1449 A & B/PTO**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet 1 of 1

Substitute for Form 1449 A & B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		107521573 Based on PCT/JP03/07803 Unknown	
(use as many sheets as necessary)			
Sheet	1	of	1
		Attorney Docket Number Q85314	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

## NON PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>Jeffrey Rayman</i>	Date Considered	1/4/2008
--------------------	-----------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.